

IGFBP6 Rabbit pAb

Catalog # AP99070

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P24592
Other Accession	P24592
Reactivity	Rat, Mouse
Predicted	Pig, Human, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25322
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IGFBP6
Epitope Specificity	141-240/240
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 IGFBP N-terminal domain.Contains 1 thyroglobulin type-1 domain.
Post-translational modifications	O-linked glycans consist of hexose (probably Gal), N-acetylhexosamine (probably GalNAc) and sialic acid residues. O-glycosylated with core 1 or possibly core 8 glycans. O-glycosylated on one site only in the region AA 143-168 in cerebrospinal fluid.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.

Additional Information

Gene ID	3489
Other Names	IBP6; IGFBP-6; IGF-BP6; RBP6A; RBP6G; IBP6_HUMAN; IGFBP6; IBP-6; IGF-binding protein 6; IBP6_MOUSE; IBP6_RAT; insulin like growth factor binding protein 6; insulin-like growth factor binding protein 6
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	IGFBP6 (HGNC:5475)
Synonyms	IBP6
Function	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Activates the MAPK signaling pathway and induces cell migration (PubMed: 24003225).
Cellular Location	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.